

IN-BAND TRANSMISSION OF TTY/TTD SIGNALS FOR SYSTEMS
EMPLOYING LOW BIT-RATE VOICE COMPRESSION

ABSTRACT OF THE DISCLOSURE

5 A method, system, and software product for transmitting TTY/TDD signals in a
system employing low bit-rate voice compression are disclosed. The method includes
receiving an input signal and generating a teletypewriter (TTY) indicator signal from the
input signal. Whether or not the input signal is a TTY signal including a TTY character, is
determined based on the TTY indicator signal. A TTY packet including the TTY character of
10 the TTY signal is constructed and transmitted if the input signal is determined to be a TTY
signal. A method, system, and software product for receiving and decoding TTY/TDD
signals is also disclosed.

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